

ABSTRACT OF THE DISCLOSURE

A fluctuation detecting apparatus includes a light receiving portion for detecting an image signal for an object in each of a plurality of areas, a judging
5 circuit for judging from the image signal obtained in each of the areas whether an object located at a long distance is mixed with an object located at a short distance, and a fluctuation amount calculating circuit for independently finding fluctuation data by the use
10 of the image signal of the area in which the object located at a short distance exists and the image signal of the area in which the object located at a long distance exists when the judging circuit judges that the object located at a long distance is mixed with the
15 object located at a short distance, and calculating a rotational fluctuation amount and a shift fluctuation amount on the basis of the fluctuation data.